

ABSTRACT

A damper control device suitable for use in a fireplace comprises a flue, wherein products of combustion from the fireplace enter the flue, a damper positioned in a damper pipe which is connected to the flue, with the damper movable between open and closed positions, a motor having a shaft connected to the damper, and a control circuit which initiates combustion and which receives a damper signal which indicates whether the damper is in the open or closed position. In response to a request for heat, the control circuit initiates combustion after receiving the damper signal indicating that the damper is in the open position. The damper control device can also have a mounting ring extending generally perpendicularly from the damper pipe for connecting the damper pipe to the flue. For air-cooled flues, an adapter can be added to allow passage of air along the flue. A status module may be provided for operational or troubleshooting purposes.

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